

To: Technology Unit: TBD
Facsimile Number: 703-872-9306

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From: W. Daniel Swayze, Jr.
Texas Instruments Incorporated
Facsimile: 972-917-4418
Phone: 972-917-5633

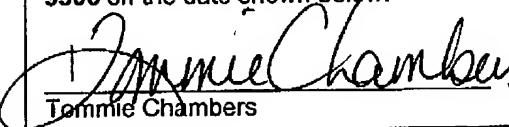
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FACSIMILE COVER SHEET

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at 703-872-9306 on the date shown below:


Tommie Chambers

September 7, 2004

Date

| | |
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| <input checked="" type="checkbox"/> FACSIMILE COVER SHEET | AMENDMENT (# Pages) |
| <input type="checkbox"/> NEW APPLICATION | EOT (# Month) |
| <input checked="" type="checkbox"/> DECLARATION (COPY) | NOTICE OF APPEAL |
| <input type="checkbox"/> ASSIGNMENT (# Pages) | APPEAL (# Pages) |
| <input type="checkbox"/> FORMAL DRAWINGS | ISSUE FEE (# Pages) |
| <input type="checkbox"/> INFORMAL DRAWINGS | |
| <input type="checkbox"/> CONTINUATION APP'N (# Pages) | X MISSING PARTS TRANSMITTAL |
| <input type="checkbox"/> DIVISIONAL APP'N | |

| | |
|---|--------------------------------------|
| NAME OF INVENTOR(S): Trafton | |
| TITLE OF INVENTION: A RECONFIGURABLE TOPOLOGY FOR SWITCHING AND CHARGE PUMP NEGATIVE POLARITY VOLTAGE REGULATORS | |
| TITLE NO.: TI-35750 | DEPOSIT ACCT. NO.: 20-0668 |
| FAXED: 09/07/2004 DUE: 10/2/2004 ATTY/SECY: wds/tc | |

RECEIPT DATE & SERIAL NO.:

Serial No.: 10/647,931

Filing Date: 8/26/2003

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Texas Instruments Incorporated
PO Box 655474, M/S 3999
Dallas, TX 75265

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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SEP 07 2004

In re the Application of:

Trafton, et al.

Serial No: 10/647,931

Filed: 8/26/2003

Atty Docket: TI-35750

Art Unit: TBD

Examiner: TBD

Confirmation No.: 3083

For: A RECONFIGURABLE TOPOLOGY FOR SWITCHING AND CHARGE PUMP NEGATIVE POLARITY VOLTAGE REGULATORS

TRANSMITTAL OF NOTICE TO FILE MISSING PARTS OF APPLICATION
UNDER 37 C.F.R. § 1.27

Assistant Commissioner
for Patents
Washington, DC 20231

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at 703-872-9306 on

9-7-04


Terimie Chambers

Dear Sir:

In response to the Notice to File Missing Parts mailed August 8, 2004, please find enclosed a copy of the Declaration and Power of Attorney, the Utility Transmittal, and a copy of the returned post card indicating that the Declaration and Power of Attorney was filed with the Patent and Trademark Office on August 26, 2003. At this time we do not feel the surcharge fee of \$130.00 is necessary.

To the extent necessary, Applicant petitions for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees, to the deposit account of Texas Instruments Incorporated, Account No. 20-0668. This form is submitted in duplicate.

Respectfully submitted,



W. Daniel Swayze, Jr.
Attorney for Applicants
Reg. No. 34,478

Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265
(972) 917-5633

RECEIVED IN THE PATENT AND TRADEMARK OFFICE
In re the application of Fredrick W. Trafton, Tanchu Shih, Juergen Luebbe

1. Utility Patent Application Transmittal (PTO/SB/05)
2. Fee Transmittal (PTO/SB/17) in duplicate
3. Application Data Sheet
4. Regular Patent application entitled "A RECONFIGURABLE TOPOLOGY FOR SWITCHING AND CHARGE PUMP NEGATIVE POLARITY VOLTAGE REGULATORS", comprised of 23 pages of specification (including claims and Abstract), 3 sheets of formal drawings, and executed Declaration and Power Of Attorney
5. Assignment with Cover Sheet
6. Information Disclosure Statement, PTO-1449, and references.

PLEASE ACKNOWLEDGE RECEIPT OF THESE DOCUMENTS BY STAMPING THE SERIAL NUMBER AND FILING DATE ON THIS POSTCARD AND RETURNING THE SAME TO ATTORNEY FOR APPLICANTS

Mailed : 26 August 2003 by Express Mail Label No.EU640981784US (by Anderson, Levine & Lintel, L.L.P.)
Attorney's Docket No. TI-35750.

RECEIVED
SEP 12 2003
PATENT DEPT



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NUMBER | FILING OR 371 (e) DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|------------------------|-----------------------|------------------------|
| 10/647,931 | 08/26/2003 | Fredrick W. Trafton | TI-35750 |

23494
TEXAS INSTRUMENTS INCORPORATED
P O BOX 655474, M/S 3999
DALLAS, TX 75265

CONFIRMATION NO. 3083
FORMALITIES LETTER



OC000000013407868

Date Mailed: 08/02/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$130 for a Large Entity

- \$130 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | |
|-------------------------------|--------------------------|
| <i>Attorney Docket No.</i> | TI-35750 |
| <i>First Inventor</i> | Trafton |
| <i>Title</i> | A Reconfigurable |
| <i>Express Mail Label No.</i> | EU640981784US |

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 23]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
5. Oath or Declaration [Total Sheets 1]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
- c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Prior application information:

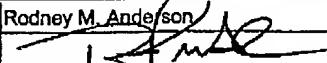
Examiner _____

Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS
 Customer Number: 23494 OR Correspondence address below

| | | | |
|---------|-----------|----------|--|
| Name | | | |
| Address | | | |
| City | State | Zip Code | |
| Country | Telephone | Fax | |

| | | | |
|-------------------|---|-----------------------------------|----------------|
| Name (Print/Type) | Rodney M. Anderson | Registration No. (Attorney/Agent) | 31,939 |
| Signature |  | Date | 26 August 2003 |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.